

**Notice of Allowability**

Application No.

10/023,417

Examiner

Albert W Paladini

Applicant(s)

MEHTA ET AL.

Art Unit

2125

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed on 12/17/01.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 2/9/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

***Reasons for Allowance***

1. The following is an examiner's statement of reasons for allowance: None of the references cited or the art searched disclose or teach alone or in combination simulating a global industrial environment by modeling a global economy as a set of interlinked economies, using a set of interlinked agents, implementing interlinked management functionalities, using political entities with the interlinked economies, using software agents with a knowledge based programmed with rules of engagement, engaging artificial agents within a distributed virtual execution environment, dynamically customizing run time data in the industry simulation environment, simulating a strategic planning management functionality, in combination and in the same relationship to the other elements of the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Formal Drawings***

2. New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because the drawings submitted are hand drawn sketches. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The

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corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

***Relevant Prior Art***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Teran (5521814) discloses a performance model in real time and economic model to control process using regression analyses which applies curve fitting to historical data, particularly in neural networks for controlling industrial or chemical processes. including system optimization.

Ching (6078901) discloses a quantitative supply and demand model using an information spreadsheet, which uses a temporal based model, which is constructed by summing over the quantities whose various prices are determined individually by the spreadsheet.

Honarvar (6405173) discloses decision management system for creating strategies to manage clients, such as customers, accounts, or applicants, of an organization and provides a simulation for qualitative client assessment. Honarvar teaches providing a decision management process for simulating a strategy, wherein the process (a) selects, without technical intervention, clients from a group of clients; (b) selects, without technical intervention, samples of client data corresponding to the selected clients; (c) selects, without technical intervention, an inbound event which triggers the strategy; (d) applies the strategy to the selected client data upon the occurrence of the selected inbound event; (e) consolidates detailed and aggregate results to determine expected results from the simulated strategies; and (f) applies traditional and OLAP reporting facilities to analyze/view the consolidated results.

Van Huben (6484177) discloses a data management method which uses a data management control program tangibly embodying a program of instructions executable by a supporting machine environment for performing method steps by a data management system having a library organization which receives a request of a user initiated from said displayed client screen and fulfills the request by a providing result via our data management system. This

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data management system has a plurality of data managers and is provided with a plurality of data managers in one or more layers of a layered architecture. The system performs with a data manager and with a user input via an API a plurality of processes on data residing in heterogeneous data repositories of said computer system including promotion, check-in, check-out, locking, library searching, setting and viewing process results, tracking aggregations, and managing parts, releases and problem fix data under management control of a virtual control repository having one or more physical heterogeneous repositories. The system provides for storing, accessing, tracking data residing in said one or more data repositories managed by the virtual control repository.

Adelman (6591225) discloses a system for evaluating and optimizing the performance of a power plant by integrating a physical model, which contains the operating parameters of the plant, and an economic model that predicts operating economics. An optimization system provides control parameter set points for profitability of varying environmental, operational, and economic conditions.

4. Any inquiry concerning this communication or earlier communication from the examiner should be direct to Albert W. Paladini whose telephone number is (571) 272-3748. The examiner can normally be reached from 7:00 to 3:00 PM on Monday, Tuesday, Thursday, and Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Leo P. Picard, can be reached on (571) 272-3749. The official fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

March 17, 2005



Albert W. Paladini  
Primary Examiner  
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